

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1-19. (Canceled)
20. (Currently amended) A method of increasing the levels of cadmium in body fluids and tissues of a human which comprises orally administering to a human suffering from deficient levels of cadmium in his body fluids and tissues a bioavailable and physiologically acceptable cadmium salt in a series of daily doses at dose levels of about ~~0.025~~ 0.5 mg to about 2 mg per day to minimize or eliminate said cadmium deficiency.
21. (Previously presented) The method of claim 20, wherein said deficient levels of cadmium are at least about 15% below normal.
22. (Previously presented) The method of claim 20, wherein said deficient levels of cadmium are at least about 20% below normal.
23. (Previously presented) A method in accordance with claim 20, wherein said cadmium salt is administered in a series of daily doses at dose levels of about ~~0.5~~ 0.8 mg to about ~~2~~ 1.2 mg per day.
24. (Canceled)

25. (Previously presented) The method of claim 20, wherein said cadmium salt comprises the sulfate, nitrate, chloride or acetate cadmium salt.

26-60. (Canceled)

61. (Currently Amended) A method for correcting a cadmium deficiency in the body of a human suffering therefrom which comprises orally administering to said human a bioavailable and physiologically acceptable cadmium salt in a series of daily doses at dose levels of about ~~0.025~~ 0.5 to about 2 mg per day to minimize or eliminate said cadmium deficiency.

62-63. (Canceled)

64. (Previously presented) A method in accordance with claim 23, wherein said cadmium salt is administered in a series of daily doses at dose levels of about 1 mg per day.

65. (Canceled)

66. (currently amended) A method in accordance with claim ~~65~~ 69, wherein said cadmium salt is administered in a series of daily doses at dose levels of about 0.04 mg to about 0.06 mg per day.

67-68. (Canceled)

69. (New) A method of increasing the levels of cadmium in body fluids and tissues of a human which comprises parenterally administering to a human suffering from deficient levels of

cadmium in his body fluids and tissues a bioavailable and physiologically acceptable cadmium salt in a series of daily doses at dose levels of about 0.025 mg to about 0.1 mg per day to minimize or eliminate said cadmium deficiency.

70. (New) A method for correcting a cadmium deficiency in the body of a human suffering therefrom which comprises parenterally administering to said human a bioavailable and physiologically acceptable cadmium salt in a series of daily doses at dose levels of about 0.025 to about 0.1 mg per day to minimize or eliminate said cadmium deficiency.

71. (New) A method in accordance with claim 70, wherein said cadmium salt is administered in a series of daily doses at dose levels of about 0.04 mg to about 0.06 mg per day.

72. (New) A method in accordance with claim 61, wherein said cadmium salt is administered in a series of daily doses at dose levels of about 0.8 mg to about 1.2 mg per day.

73. (New) The method of claim 69, wherein said deficient levels of cadmium are at least about 15% below normal.

74. (New) The method of claim 69, wherein said deficient levels of cadmium are at least about 20% below normal.